

Product datasheet for MC201229

Angptl3 (NM_013913) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Angptl3 (NM_013913) Mouse Untagged Clone
Tag: Tag Free
Symbol: Angptl3
Synonyms: hy; hyp1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019491 sequence for NM_013913
 GTTCCAAATTGCTTAAAATTGAATAATTGAGACAAAAAATGCACACAATTAATTATTCCTTTTTGTTGT
 TCCTTTAGTAATTGCATCCAGAGTGGATCCAGACCTTTTCATCATTGATTCTGCACCTTCAGAGCCAAAA
 TCAAGATTTGCTATGTTGGATGATGTCAAATTTTAGCGAATGGCCTCCTGCAGCTGGGTCATGGACTTA
 AAGATTTTGTCCATAAGACTAAGGGACAAATTAACGACATATTTTCAAGCTCAACATATTTGATCAGTC
 TTTTTATGACCTATCACTTCGAACCAATGAAATCAAAGAAGAGGAAAAGGAGCTAAGAAGAACTACATCT
 AACTACAAGTTAAAAACGAGGAGGTGAAGAACATGTCAGTAGAACTGAACTCAAAGCTTGAGAGTCTGC
 TGGAAGAGAAGACAGCCCTTCAACACAAGGTCAAGGCTTTGGAGGAGCAGCTAACCACTTAATTCTAAG
 CCCAGCTGGGGCTCAGGAGCACCCAGAAGTAACATCACTCAAAGTTTTGTAGAAGCAAGACAACAGC
 ATAAGAGAACTCCTCCAGAGTGTGAAGAACAGTATAACAATTAAGTCAACAGCACATGCAGATAAAAG
 AAATAGAAAAGCAGCTCAGAAAGACTGGTATTCAAGAACCCTCAGAAAATTCCTTTCTTCTAAATCAAG
 AGCACCAGAAGAACTACTCCCTCTTCAACTGAACGAAACAGAAAATACAGAAAGATGACCTTCCTGCC
 GACTGCTCTGCCGTTTATAACAGAGGCGAACATACAAGTGGCGTGTACACTATTAACCAAGAACTCCC
 AAGGGTTAATGTCTACTGTGATACCAATCAGGCAGTCCATGGACATTAATTCAACACCCGAAAGATGG
 CTCACAGGACTTCAACGAAACATGGGAAAACACGAAAAGGGCTTTGGGAGGCTCGATGGAGAAATTTGG
 TTGGGCTAGAGAAGATCTATGCTATAGTCCAACAGTCTAACTACATTTTACGACTCGAGCTACAAGACT
 GGAAAGACAGCAAGCACTACGTTGAATACTCCTTTACCTGGGCAGTCACGAAACCAACTACACGCTACA
 AATCACAGAGCAAAGGGACAGCTCTACTGTCCAGAAAGTTACTCAGGTGGCTGGTGGAAATGACATAT
 GTGGAGAAAACAACCTAAATGGAAAATACAACAACCCAGAACCAATCCAGACCAGAGAGAAGAAGAGG
 GATCTACTGGAGACCTCAGAGCAGAAAGCTCTATGCTATCAAATCATCCAAAATGATGCTCCAGCCACC
 ACCTAAGAAGCTTCAACTGAACTGAGACAAAATAAAGATCAATAAATTAATATTAAGTCTCCCGAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013913
Insert Size: 1368 bp



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| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | BC019491 , AAH19491 |
| RefSeq Size: | 1484 bp |
| RefSeq ORF: | 1368 bp |
| Locus ID: | 30924 |
| UniProt ID: | Q9R182 |
| Cytogenetics: | 4 45.6 cM |
| Gene Summary: | This gene encodes a member of the angiotensin-like family of proteins. The encoded preproprotein is proteolytically processed to generate multiple protein products, which may inhibit triglyceride metabolism. Homozygous knockout mice for this gene exhibit reduced plasma lipid concentrations, including reduced plasma triglyceride concentrations, and enhanced activity of enzymes involved in triglyceride metabolism. [provided by RefSeq, Aug 2015] |